

ABSTRACT

An apparatus and method for mixing and injecting or applying a viscous material which is especially useful for mixing and applying a two part epoxy. The apparatus in its preferred form utilizes two uniformly heated holding tanks with auger feeds which each feed two synchronized variable ratio pumps having spring biased check valves which ensure positive closure of each valve. The apparatus further comprises a unique dispensing and mixing head which is fed from the synchronized pumps and serves to uniformly mix the viscous materials and dispense the aforesaid as a blend.